

REMOTE MANAGEMENT OF BOOT APPLICATION

ABSTRACT

5 Systems and arrangements for remotely selecting a bootable image via a WOL
packet for a wake-on-LAN (WOL) capable computer are contemplated. Server-side
embodiments include hardware and/or software for determining a client to be managed,
determining whether the client is active on the network, and transmitting a WOL packet having a
vector, or operating system partition identification (OSPID), to describe a bootable image
accessible by the WOL capable computer. Some embodiments may include an OSPID that
10 points to a secure bootable image such as a bootable image on a hard drive, a compact disk (CD)
connected to the computer, or other local resource. Client-side embodiments may receive the
WOL packet at, for instance, a network interface card (NIC), recognize that the WOL packet
includes an OSPID that describes the bootable image to boot, and implement an alternative boot
sequence to boot from that bootable image.

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